

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

P075737145

FACILITY: EPIC Equipment & Engineering		SRN / ID: P0757
LOCATION: 51010 Celeste Drive, SHELBY TWP		DISTRICT: Southeast Michigan
CITY: SHELBY TWP		COUNTY: MACOMB
CONTACT: Eric Szlachtowicz , Plant Manager		ACTIVITY DATE: 10/11/2016
STAFF: Rem Pinga	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced Level 2 Self-initiated Inspection		
RESOLVED COMPLAINTS:		

On 10/11/2016, I conducted an unannounced level 2 Self-initiated inspection on EPIC Equipment & Engineering located at 51010 Celeste Drive, Shelby Township, Michigan 48315. The purpose of the inspection was to determine the facility's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), the administrative rules, and to conduct a fallout complaint investigation referred to AQD by USEPA Region 5.

The complaint came via e-mail as attached. During the complaint investigation, I initially drove around the facility's parking lot towards the rear or west area where the alleged spraybooth is located. I observed a few cars parked in the back lot but could not visibly observe any paint fallout on the vehicles. The back door was open and I noticed the small open spraybooth near the doorway. Next, I went back to the front parking to go to the facility lobby.

At the lobby, I presented my credential, stated the purpose of my visit/inspection and requested to see a facility contact. I initially talked to Mr. Riffat Sheikh, machine builder. Later, I got introduced to Mr. Eric Szlachtowicz, plant manager. I showed my ID badge and stated the reason of my visit. I requested to conduct a facility inspection. Mr. Szlachtowicz and Mr. Sheikh accompanied me during inspection. Mr. Szlachtowicz had to leave for a meeting and endorsed the rest of the walk through inspection to Mr. Sheikh.

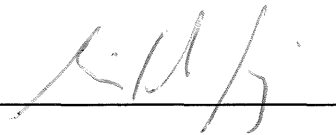
I was informed that the facility builds manufacturing machines and automated tooling equipment for customers. During walk through inspection, I observed a tire installation line being built at the facility. The manufacturing line production objective is to install the tire ream into the rubber tire in an assembly set up. I observed lathes (2 CNC and 1 manual), turning equipment, 9 bridge ports, welding equipment, and various machining equipment. The machining equipment are exempt from AQD permit to install requirements per AQD Administrative Rule R 336.1285(I)(vi). I also observed a spray coating booth (spraybooth) towards the rear of the building. Mr. Szlachtowicz informed me that most of the metal parts to build a production machine line and the tooling equipment come from China already painted. The spraybooth is used to coat parts fabricated at the facility to be used to complete the installation of the machinery and tooling equipment for the customer. I observed filters in place but the booth is open in the front end. I informed Mr. Szlachtowicz that the coating process can be exempt from AQD permit to install (PTI) requirements if it keeps monthly records, coats less than 200 gallons per month, and have particulate filters installed and operating properly. I requested for coating use records, initially from purchase records, to assess whether the coating process can be exempt from PTI requirements. I was informed that the coating usage is definitely way below 200 gallons per month. I discussed with Mr. Szlachtowicz to start a log to record the gallons of coating usage including the

monthly summaries to show compliance with the 200 gallons per month exemption limit. I also discussed with facility staff on making sure that the particulate filter system is adequate to prevent pass through and cause the paint particles to escape the stack and cause overspray into parked vehicles outside the building. This action will help address/resolve any potential complaint or issue of paint fallout into vehicles parked outside the building. Fully enclosing the spraybooth can also prevent escape of fugitive coating oversprays when the pressure inside the booth is not negative.

On 10/20/2016, I received through e-mail the coating purchase records, a sample sheet of coating usage recordkeeping, and pictures of the coating booth showing filters in place (verified during inspection) and the newly installed plastic cover to prevent overspray from escaping outside the booth. The purchase records showed coating usage were below 200 gallons per month and in compliance with R 336.1287(c) permit to install exemption.

Overall, I did not find any compliance issues during the walk through inspection.

NAME



DATE

11/02/2016

SUPERVISOR

